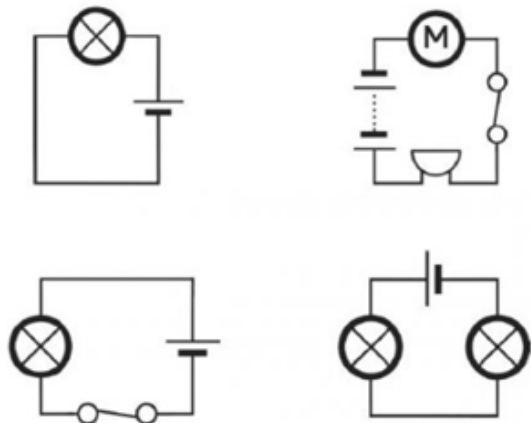


Vocabulary		
1	Electricity	Electricity is an energy. This energy can be used to power electrical items such as toasters, kettles, cookers, televisions and computer tablets. Electrical energy is caused by electrons (the particles in atoms) moving about to make a current.
2	Electrons	A very small piece of matter and energy.
3	Circuit	A complete path around which electricity can flow.
4	Insulator	A material which does not easily allow electricity to pass through it.
5	Conductor	Substances that an electric charge can pass through without difficulty.
6	Component	A part of a circuit.
7	Voltage	The difference in electrical energy between two parts of a circuit.
8	Current	The flow of electric charge.

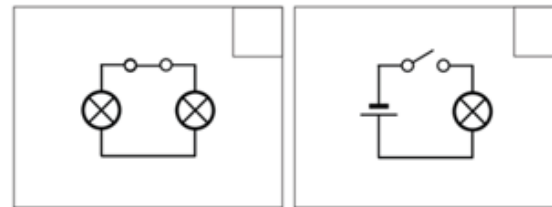
Circuit components	
Cell	A device that can store electricity.
Wire	Consist of two parts- a metal core and an outer casing. The inner core is made of metal wire, which conducts electricity, while the coating is made from an insulating material such as plastic.
Bulb	A device used to create light.
Motor	A machine that causes motion or power.
Buzzer	A component in a circuit that makes a sound when electricity goes through it.
Switch	Something that changes the flow of an electrical circuit.

Circuit diagrams

Complete circuits



Incomplete circuits



Electric circuit symbols

